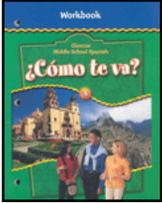


2019-2020 BTM Course Descriptions

WORLD LANGUAGE

Course Information	Course Description	Materials
<p>MS Spanish (7th-8th) \$350 plus \$35 copy fee Yadira Segura Guatetutor@gmail.com</p>	<p>Students in this class will continue to focus on the four key areas of foreign language study: listening, speaking, reading, and writing. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged and become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored.</p> <p>This class is geared to students who have completed Introduction to Spanish. However, if they are in 8th grade and it is their first time taking a foreign language, they are required to complete an Intro to Spanish summer package alongside quizzes and 2 tests during the summer to help prepare them. (Fees will apply)</p>	<p>Text: Como te Va (glencoe MS Spanish) Green Level Textbook and Workbook ISBN-10:0078271495 ISBN-13:9780078271496 Can be found at Barnes and Noble as well on Amazon WORKBOOK SEE BELOW LINK</p>  <p>https://www.textbooks.com/Cart.php?atci=9780078605499&CSID=AWJQTZJADSSJDOO MO222AUSMB</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● 1" 3-ring binder ● Pen (red and blue) ● Pencil ● Color pencils ● Highlighter ● flashcards ● 2 box of Tissue
<p>Spanish 1 (9th-11th) \$350 plus \$35 copy fee Yadira Segura Guatetutor@gmail.com</p>	<p>Spanish 1 begins with a detailed review of Intro and MS Spanish grammar. There is an emphasis on increasing opportunities to use the language through speaking, writing, reading and listening. Students will learn new and advance vocabulary and grammar necessary for more sophisticated readings and more complex</p>	<p>Text: Breaking the Spanish Barrier level 1 by John Conner https://tobreak.com/spanish/</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● 1" 3-ring binder

	<p>dialogues. Students will be engaged in a variety of activities to foster a better understanding of the language. Listening skills are developed using teacher and peer conversations as well as adding enrichment through cultural comparisons and perspectives of various Spanish speaking countries.</p>	<ul style="list-style-type: none"> ● Pen (red and blue) ● Pencils, color pencils, flashcards ● Color pencils ● Highlighter ● Flashcards ● 2 box of Tissue
<p>Spanish 2/Conversational Spanish (9th-12th) \$350 plus \$35 Copy Fee Yadira Segura Guatetutor@gmail.com</p>	<p>Spanish II is big step up in level and pace. Students will learn with increasing complexity how the language works and will soon be able to understand, read, write and speak in complex, descriptive, and interesting sentences. They will be able to write more complex paragraphs using vocabulary and grammar learned in each quarter. In regular class sessions students will do small group activities, class projects and presentations. We will also read some classic children's books in Spanish.</p> <p>By the middle of the semester they are expected to be able ask more questions in Spanish than in English. Students will be participating in special projects related to culture or grammatical topics. Each student will be assigned to research and make or create presentations on a particular lesson/culture.</p> <p>PREREQUISITE: Spanish 1 or Successful Completion of a Proficiency Test.</p>	<p>Text: Breaking the Spanish Barrier Level 2(Please buy CD as well) Textbook price is \$49.50 and about \$20 for the CD. (We will order in bulk in order to save shipping.) https://tobreak.com/spanish/</p> <p>Readers: TBD</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● 1.5" 3-ring binder ● Page protectors ● Pen (red and blue) ● Pencil and color pencils ● Highlighter ● Glue, Scissors, Index Cards ● Laptop or tablet for media days ● 2 box of Tissue
<p>French 1 (9th-12th) \$350 plus \$35 copy fee Lisa Cash lahcash@gmail.com</p>	<p>This beginner's course introduces students to the basics of French vocabulary, pronunciation, and grammar. Language is taught in a natural and fun way by use of bookwork, videos, and games. Classroom activities and homework assignments are designed to expand vocabulary and reinforce grammar and spelling while developing reading and writing skills. Short situational</p>	<p>Text:</p> <ul style="list-style-type: none"> ● French is Fun, Book 1, 5th edition, by Gail Stein & Heywood Wald ISBN: 9781531100285 <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● French 1 Binder (provided by tutor on Back-to-Class day)

	<p>dialogs are used to encourage communication and self-expression. Students will develop an acceptable level of proficiency in four basic skills – listening, speaking, reading, and writing, which will prepare them for French 2. In addition, pupils will develop an awareness and appreciation of the culture of France and other francophone countries. This course is designed for 8th-12th graders with minimal or no prior knowledge of French. A solid foundation in English grammar is strongly recommended.</p> <p>PREREQUISITE: None.</p>	<ul style="list-style-type: none"> • A computer, tablet, or smartphone (or access to one, for online assignments)
<p>French 3 (9th-12th) \$350 plus \$35 copy fee Lisa Cash lahcash@gmail.com</p>	<p>French 3 builds upon language skills and vocabulary learned in French 1 and 2. In this immersion course, students continue to develop their proficiency in speaking, listening, writing and reading. Students will understand oral and written messages in French and will make level appropriate oral and written presentations. They will communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. Students will comprehend the main and supporting ideas of authentic materials that they read and hear. During class time, they should expect to engage in group and pair work, and to actively participate in class. Each week consists of a new vocabulary theme and grammar concept; numerous interactive activities designed to reinforce vocabulary and grammar; reading and listening comprehension activities; speaking and writing activities; and multimedia presentations that explore the culture of France and other French- speaking countries.</p> <p>PREREQUISITE: BTM French 2 or prior tutor approval</p>	<p>Texts:</p> <ul style="list-style-type: none"> • Adosphère 3 Methode de francais - A2 - livre + CD (French Edition), by Hachette ISBN: 9782011557117 • French Short Stories for Beginners - vol. 2, by Lingo Mastery ISBN: 9781096495222 <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> • French 3 Binder (provided by tutor on Back-to-Class day) • A computer, tablet, or smartphone (or access to one, for online assignments) • a way to listen to a CD

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ENGLISH

Course Information	Course Description	Materials
<p>MS English Creative Writing and Grammar (7th-8th) \$350 + \$20 copy fee Trina Ferguson Fergusonfamily02@yahoo.com</p> <p>*The cost of the final project (printed color magazine) is included in the tuition. However, if additional copies are requested, there will be an additional fee.</p>	<p>This course will use “Cover Story,” a creative writing curriculum that focuses on “short stories, poems, non-fiction articles, letters and many other creative pieces over the course of one school year.” Habakkuk 2:2 reads, “Then the Lord replied, ‘Write down the vision and make it plain on tablets so that a herald may run with it.’” Using Creative Writing, this course will encourage students to make their writing clear so that anyone, including themselves, can “run with it” and use it for greater purposes. In this class, the students at the end of the year, will be able to compile their creative works into a color printed magazine. This will not only give the students a goal to work towards, it will also be a great addition to their college/career resume. Students will use their own writings in class to make artwork, do short skits, even write music to show each other how to make their writing clear and creative so that they can turn their writing into another form of art. Appearances from guest authors, editors, and publishers, will be added to enhance the creative writing experience.</p> <p>PREREQUISITE: This class is geared more towards 7th and 8th graders who have a strong writing and grammar foundation. Grammar is included in this course; however, the assumption is that students have a solid grammar background.</p>	<p>Text: <u>Cover Story Student Kit</u> Includes:</p> <ul style="list-style-type: none"> ● Student Book ● The Remarkable Journal of Professor Gunther Von Steuben <p>https://clearwaterpress.com/coverstory/</p> <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● Course Binder (1” - 2” binder with tabs) ● Text book & Journal (every class) ● Access to a computer ● Some art supplies (as needed) ● Basic supplies such as pens, pencils, erasers, etc.

<p>MS English Grammar and Composition (7th-8th) \$350 + \$20 copy fee Nicole Green NicoleKennedyGreen@gmail.com</p>	<p>Middle School English uses curriculum published by Institute for Excellence in Writing and other material to provide middle school students a solid grammar and writing foundation. Using tutor-provided source texts, students will learn outlining skills to form the basis of expository essays, creative pieces, and a research report. Additionally, students will discover methods to add style to their writing as they employ a variety of sentence openers, strong verbs, quality adjectives, other essay decorations, and dress-up techniques. Multiple sentence structures will be explored and practiced with the associated grammar instruction necessary to write sentences with appropriate word usage and punctuation. With editing practice from The Critical Thinking Company's Editor in Chief curriculum, students will learn to find and correct errors and are then encouraged to immediately apply their new grammar knowledge in the context of their own writing. Students will actively seek to understand other perspectives and cultures through reading, class discussions, and individual project assignments based on literature which will also serve as models to improve writing skills and sources from which lists of previously unfamiliar vocabulary are derived. Selections to include a memoir, novel, short stories, tutor-provided poetry selections, and one of Shakespeare's plays. *Some reading may be required over Christmas Break.</p>	<p>Text: -Student Resource Packet https://www.iew.com/shop/products/student-resource-packet-pre-order - Editor in Chief, Level 2 https://www.criticalthinking.com/editor-in-chief-level-2.html</p> <p>Literature: -Selection of poems compiled by tutor -Selected Short Stories compiled by tutor -FOUR full length works:</p> <ul style="list-style-type: none"> ● A MidSummer Night's Dream <ul style="list-style-type: none"> ● The Wednesday Wars ● I Am Malala ● The Outsiders <p>Supplies and Equipment:</p> <ul style="list-style-type: none"> ● A 1 to 1 1/2 inch, 3-ring binder with lined paper (Trapper Keeper/zipper styles help students keep all their materials together) ● 3 subject dividers ● One 2 pocket folder to hold graded papers(3-hole punched, Trapper Keeper style folders work well with any binder).
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<p>High School World Literature and Composition (9th-12th) \$350 plus \$35 supply fee Michele Herring michele.herring@hotmail.com</p>	<p>This course will cover some sampling of literature from authors around the globe. Analytical discussions and Socratic circles will be routine. An essay will be written to accompany each piece of literature and a research paper will be required in 2nd Semester. We will learn how to write effectively by using a blend of IEW and Lost Tools of Writing techniques. Books will be analyzed so the student can recognize genre, theme, literary devices, and motifs. Mastery of the 5 paragraph persuasive essay is the main goal of this class. Vocabulary worksheets will accompany every piece of literature in order to complement and expand the student's understanding of more advanced words. Lastly, we will cover poetry with a poetry pack that I will create.</p>	<p>Text: <i>Julius Caesar, Fahrenheit 451, Cyrano de Bergerac, A Doll's House, The Alchemist, and Cry, the Beloved Country</i>. I will send out names of authors and names of publishers of the books in an email to parents as well as ISBN's. (NO vocabulary book will be used this year as we will complete vocab worksheets specifically related to each piece of literature...they will be found in the Lit and Comp folder)</p> <p>I will provide some other short stories as well as a poetry pack in my Lit and Comp folder.</p> <p>Supplies and Equipment: 1 inch binder Lit & Comp Folder (Tutor will supply)</p>
<p>High School African American Literature and Culture (10th-12th) \$350 + \$25 copy fee Nicole Green NicoleKennedyGreen@gmail.com</p>	<p>This class explores the traditions of African American literature through poetry, short stories, speeches, drama, novels, songs, slave and emancipation narratives, essays and other primary documents. Students will engage in a variety of learning experiences through various audio/visual resources and multimedia technologies designed to cultivate an understanding of the African American experience and culture. Coursework will include reading, analyzing, and critically responding to texts in class discussions, short answer quizzes, and full length essays. Moreover, students will be invited to join the tutor on excursions to cultural sites throughout the DC metropolitan area. Students who take advantage of these opportunities will earn honors distinction for this course and for their</p>	<p>Text: African American Lit & Culture Packet (poetry, short stories, essays and speeches) compiled and bound by Mrs Green/included in the \$25 copy fee</p> <p>The following books may be purchased:</p> <ul style="list-style-type: none"> ● Narrative of the Life of Frederick Douglass, An American Slave by Frederick Douglass ● Up From Slavery by Booker T. Washington

	<p>transcripts by contributing to a class blog where they will reflect upon and share their experiences, and by completing a final project of their own design that will encapsulate their interaction with and understanding of the subject matter.</p> <p>Limited to grades ten through twelve, African American Literature and Culture is for mature students who are able to interact respectfully with classmates, read challenging material, and participate in class discussions that may at times be difficult or uncomfortable.</p> <p>*Some reading will be required over the summer and Christmas Break.</p>	<ul style="list-style-type: none"> ● A Raisin in the Sun by Lorraine Hansberry <p>Supplies and Equipment: 1 inch binder Ink Pens Access to Google Docs</p>
<p>HS Literary Analysis & Research Writing (10th-12th) \$350 plus \$35 class fee Dawn Bernhardt lights4him@gmail.com</p>	<p>This class is designed to prepare students for college academic writing. With step-by-step instructions, students will read, infer, analyze and write about literature. Instruction is presented in manageable increments with examples and models so students know what is expected and how to complete each assignment. Reading selections include short stories and are not all from a Christian viewpoint. A variety of viewpoints are reflected, giving students the opportunity to develop discernment as they learn to analyze the worldview of each author. Students learn to analyze, but they also practice writing using the elements or devices emphasized in each lesson. In addition, students receive step by step instructions for writing a research paper. The students will write one research essay with step by step instruction and one on their own.</p>	<p>Text: -<i>IEW Windows to the World</i> Student Book -<i>IEW Writing Research Papers: The Essential Tools</i></p> <p>Supplies: -1 inch binder with dividers -6-8 highlighters of different colors - 2 colored pens -Notebook paper -Post its -Access to a computer -ORANGE folder with brackets:.</p>

<p>HS Grammar and Composition (9th-12th) \$350 plus \$35 class fee Dawn Bernhardt lights4him@gmail.com</p>	<p>Using the three Canons of Classical Rhetoric of Invention, Arrangement, and Elocution, students will learn to solve common writing challenges and bring their writing to life. Students begin with a basic persuasive essay and progress to a complete persuasive/ argumentative essay. By using a blend of <i>IEW</i> and <i>Lost Tools of Writing</i> techniques, students will learn to write effectively. The students will decide on individual issues to address and prove or compare and advocate from short stories and current events. In addition, students will walk through the process of writing a research essay step by step. New grammar skills and editing skills will be taught using <i>IEW's Fix It Grammar</i>. The skills learned will be implemented into the students writing.</p>	<p>Text: -<i>Lost Tools of Writing Level 1 Student Book</i> -<i>IEW Fix It The Little Mermaid Student Book</i> (This level book is an excellent book to repeat if your student has already completed it. The concepts in the book are important to master. Please purchase a new student book.) -<i>IEW Fix It The Little Mermaid Teacher Manual</i> (Required) <u>Literature: Available at the library</u> <i>A Long Walk To Water</i> by Linda Sue Park <i>I Am Malala Malala Yousafzai</i> <i>Revolution is Not A Dinner Party</i> by Ying Chang Compestine</p> <p>Supplies: 1 inch binder with tabs 6-8 different colored highlight 2 colored pens Post its Notebook paper ORANGE folder with brackets Access to a computer</p>
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SOCIAL SCIENCES

Course Information	Course Description	Materials
<p>MS The American Republic American History (6th-8th) \$350 plus \$20 supply fee Jenny Simonson jennynab@hotmail.com</p>	<p>Join us as we explore American History! The <i>American Republic</i> leads students on a tour of our nation's history starting with the first interactions between Native Americans and European explorers and ending with present day America. Students will be encouraged to analyze present events based on knowledge of our nation's past, using text, illustrations, art, and</p>	<p>Text: American Republic Student Text (4th ed.) 515841</p> <p>American Republic Student Activity Manual (4th ed.) 298380</p>

	<p>photographs. Student learning will be supported with mapping activities, engaging projects, primary-source readings, discussions and chapter reviews to help prepare for tests.</p>	
<p>MS Social Studies (6th-8th) \$350 plus \$20 supply fee Jenny Simonson jennynab@hotmail.com</p>	<p>During the first semester we will use the <i>Uncle Sam and You Part 1</i> text. Students will be immersed in learning about civics and government, with lessons focusing on America's founding documents, branches of government, patriotic symbols, voting, the election process, Washington D.C., the presidency, how Congress works, American holidays, and aspects of federal, state, and local government.</p> <p><i>Uncle Sam and You Part 2</i> will be used for the second semester. Students will continue to learn about civics and government, with lessons focusing on the US military, local government, Native American Tribal Government, Homeland Security, the economy, technology & communication, education, tourism, and more.</p> <p><i>OPTIONAL: The Citizen's Handbook</i> includes a collection of primary sources such as letters, memoirs, speeches, articles, songs, and poems.</p>	<p>Text: Uncle Sam and You Part 1, Notgrass. ISBN-13: 9781609990466</p> <p>Uncle Sam and You Part 2, Notgrass. ISBN-13: 9781609990473</p> <p>Teacher provided resource packet</p> <p><i>Optional:</i> The Citizens' Handbook, Notgrass. ISBN-13: 9781609990480</p> <p>Supplies and Equipment: TBD</p>

<p>American Government (10th-12th) \$350 plus \$35 supply fee Michele Herring michele.herring@hotmail.com</p>	<p>A year-long high school class that covers Federal, state, and local government with a special emphasis placed on the Biblical basis for government and the U.S. Constitution. Additional topics include discussing and analyzing weekly current events, following the presidential nominees, memorizing sections of American documents as well as in depth analysis of the documents. We will also have a project for each semester that will include student participation in class: class elections and writing a bill and passing it into law, and following all the people in the field running for president in the 2020 election. I hope to have a spring field trip to Annapolis and will need parent participation for this to occur. US Government will count for 1 credit of government/civics.</p>	<p>Text: Notgrass 2016 edition of Exploring Government, Notgrass We Hold These Truths, and Notgrass Student Review Book</p> <p>Supplies and Equipment: 1 inch binder History Folder (Tutor will supply)</p>
<p>High School World History (& optional Geography) (9th-12th) Track A- \$350 + \$35 supply fee 1 World History credit</p> <p>Track B- \$525+ \$ supply fee \$35 1 World History + ½ Geography credit</p> <p>Dawn Bernhardt lights4him@gmail.com</p>	<p>The World History and Geography class will explore the people, events, and ideas that have shaped history from the creation to the present day. We will discuss traditional historical events and how they fit into the Biblical timeline discovering how God's Word is authenticated throughout history. In addition to reading the text, students will read primary documents as well as a few living history novels. All students will also survey world geography as geography is best studied when in conjunction with history as it makes the world spring to life! Students who take the Geography credit (Track B 1.5 credits) portion will be</p>	<p>History Text: Bible Notgrass 2014 editions of <i>Exploring World History Part 2 only!</i> <i>In Their Words</i> Notgrass 2014 used edition on Amazon.</p> <p>Additional reading <i>The Cat of Bubaste</i> <i>The Hiding Place</i></p> <p>Geography: <i>World Geography: Daily Skill Builders</i> by Mark Twain</p> <p>Supplies and Equipment: 6 highlighters of different colors 1 pack of colored pens, pencils, or markers.</p>

	required to complete 2 additional home assignments per week, 1-2 geography quizzes per quarter, and 1 additional geography project per quarter.	Multi-colored post it notes- small Lined notebook paper Drawing paper notebook Binder 1 inch Dividers- 6
High School American History 2 (9th-12th) \$350 plus \$35 supply fee Michele Herring michele.herring@hotmail.com	This year long course covers American History beginning with the Industrialization age and ending with Modern America. We will use the Notgrass series books including Exploring America Part 2 and American Voices. Memorization of key facts as well as completing a timeline is required. Additionally, there will be a project for each semester. I also hope to do a field trip to the Holocaust Museum and will need parent participation for this event to occur. American History Part 2 will count for 1 credit of American History.	Text: Notgrass Exploring American History Part 2, Notgrass American Voices, and Notgrass Student Review Book for American History Part 2 Supplies and Equipment: 1 inch binder History Folder (Tutor will supply)

MATH

Course Information	Course Description	Materials
MS Math 7 (7th) \$350 Cherisse Bracey email micher2708@gmail.com	This is a 7th grade math class that will review basic math skills and expand on concepts introduced in 6th grade like compound interest, representations of data, permutations and combinations. It will also introduce basic geometry and basic algebra in preparation for 8th grade math. Students should have successfully completed 6th grade math and will need to take a readiness test to ensure proper placement.	Text: Horizons Pre Algebra Student Book ISBN: 0740322443 ISBN-13: 9780740322440 Supplies and Equipment: ruler, protractor, graph paper - as needed
Pre-Algebra (8th-9th) \$350 + \$10 copy fee Kym Kent carlkentfamily@gmail.com	In this class, which is geared for 8th grade students and above, all 123 lessons of Saxon Algebra 1/2, which is a Pre-Algebra class that also incorporates elementary geometry, will be fully covered. Students entering this class must have successfully completed 7th grade math or equivalent with a grade of C or better, and may be	Text: Saxon Algebra ½ (3rd Edition) Saxon Algebra ½ Test Packet (3rd Edition) Supplies and Equipment:

	required to complete an assessment to ensure proper placement. Over the summer, a five-week prep class will be offered. Please contact the tutor directly for information regarding summer prep.	Protractor Calculator (to be used ONLY when specified by the tutor or text)
Algebra 1 w/Geometry (9th-12th) \$350 + \$10 copy fee Kym Kent carlkentfamily@gmail.com	In this class, which is geared towards 9th grade students and above, all 120 lessons of Saxon Algebra 1 will be fully covered. Students entering this class must have successfully completed a Pre-Algebra class with a grade of C or better, and may be required to complete an assessment to ensure proper placement. This course also offers a study group immediately following class during 7th period. This study group is strongly recommended for those new to Saxon Math. Additionally, over the summer, a five-week prep class will be offered, which is also strongly recommended for students new to Saxon. Please contact the tutor directly for information regarding summer prep.	Text: Saxon Algebra 1 (3rd Edition) Saxon Algebra 1 Test Packet (3rd Edition) Supplies and Equipment: Calculator (to be used ONLY when specified by the tutor or text) A graphing calculator will be used towards the end of the school year, and if students will continue on to Algebra 2 and beyond, this will be necessary for those classes.
Geometry (9th-12th) \$350 + \$35 copy fee Cathy Kolb cathy.kolb@yahoo.com	This class has been designed for those students who have taken Algebra with or without Geometry. This class may be taken in addition to Algebra with Geometry classes or as a stand-alone course. It depends on how you design your math curriculum. Also, any students who would like to focus more on Geometry concepts and terms for various reasons may want to take this class.	Text: Geometry, Copyright @ 2001 by Holt, Rinehart and Winston, ISBN 0030522196 (NOTE: I will provide answer key to parents by email) Supplies and Equipment: 2-2½" Binder with a pocket in front/back -package of insertable tab dividers for binder -loose leaf paper (LOTS) -graph paper (as needed) -protractor and compass

<p>Algebra 2 w/Geometry (9th-12th) \$400 Cathy Kolb cathy.kolb@yahoo.com</p>	<p>This class covers traditional second year algebra course material along with key concepts of geometry. Major topics include solving and graphing of linear and quadratic equations, factoring, a variety of types of word problems, solving simultaneous equations, concepts of roots of quadratic equations, complex numbers, solving systems of nonlinear equations, graphing and solving a system of inequalities and trigonometric ratios. This class will meet for 1 ½ hrs. on Tues. & Thur. Immediately following class there will be an optional 30-minute study session to review homework problems and ask questions. (This is included with the course.) Students may earn 1/2 Geometry credit with their Algebra II credit upon completion of the course.</p> <p>Prerequisite: Students must have completed Algebra I and Geometry or Algebra I with Geometry and maintained a C average in either class to take this course.</p> <p>*Please note the length of the time slot on the schedule for this class.</p>	<p>Text: Saxon Algebra 2 (2nd or 3rd Edition - the content is identical, but 3rd Edition has index/reference numbers on the problems)</p> <p>Supplies and Equipment: -TI 83 (or higher) graphing calculator -protractor, ruler, compass -loose leaf paper or notebook</p>
<p>Algebra 2 (9th-12th) \$350 Cherisse Bracey email: micher2708@gmail.com</p>	<p>This is an Algebra 2 course that continues of concepts introduced in Algebra 1. Students will continue the study of functions, statistics and will be introduced to basic Trigonometry. Upon completion of this course, students will need to complete a course in Geometry before attempting Saxon Advanced Math. Prerequisite: To be successful in this class, students must have completed Algebra 1 with a C average.</p>	<p>Text: -Saxon Algebra 2, 3rd Edition - the 2nd Edition is fine, but doesn't have the reference numbers indicated in the problem sets.</p> <p>Supplies: -Graphing calculator or graphing calculator app (ie: desmos) Future classes will require TI 83 (or higher),</p>

		<p>so this is a good time to invest in one if you don't have one.</p> <ul style="list-style-type: none"> -loose leaf paper for homework -graph paper (as needed) -separate notebook (spiral or composition), OR spiral bound index cards to use as a formula notebook -compass -ruler
<p>Advanced Math (11th-12th) \$525 Chadren Aten chadren78@gmail.com</p>	<p>Students will conclude their discussion of Geometry, further investigate non-linear concepts and study Trigonometry topics. They will be using the Saxon Advanced Math textbook. Students may earn ½ Geometry credit with their Advanced Math credit upon completion of the course. Students with a full Geometry credit when entering this class, may earn honors credit for this course. This class runs for 1 ½ hours on Tues. and Thurs.</p> <p>Prerequisite: Students must have Algebra II and Geometry or Algebra I with Geometry and Algebra II with Geometry and maintained a C average in Algebra II in order to take this course.</p> <p>*Please note the length of the time slot on the schedule for this class.</p>	<p>Text: Advanced Math by Saxon, 2nd edition ISBN 978-1565770393 <i>*Please make sure to purchase the 2nd edition of this text.</i> <i>*Please do NOT purchase the "homeschool packet" for this course.</i></p> <p>Supplies and Equipment: -TI 83 (or higher) graphing calculator -protractor, ruler, compass -loose leaf paper or notebook</p>

SCIENCE

Course Information	Course Description	Materials
<p>Physical Science (8th-9th) \$350 + \$40 lab fee Christina Rafter chrstnrfr@gmail.com</p>	<p>This course combines earth science and physics to provide a rigorous last year of middle school science or a first year of high school science. This course discusses such topics as the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, Newton's Laws, gravity, and</p>	<p>Text: Exploring Creation with Physical Science 2nd ed. Exploring Creation with Physical Science Tests and Solutions 2nd ed.</p>

	astrophysics. There are many hands-on experiments to do and it is an excellent course for preparing the student to take a college-prep high school science curriculum.	Supplies and Equipment: Binder with lined paper, color pens or pencils.
Biology (9th-12th) \$350 + \$40 lab fee Christina Rafter chrstnrfr@gmail.com	This course is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. With a strong emphasis on vocabulary and experiments, the course provides the student with a solid background in biology which is presented in a readable, conversational tone. Labs will include becoming familiar and proficient with the microscope as well as multiple dissections and other engaging hands on activities.	Text: Exploring Creation with Biology 2nd ed. Exploring Creation with Biology Tests and solutions 2nd ed. (optional) Supplies and Equipment: Binder with lined paper, color pens or pencils.
Chemistry (9th-12th) \$350 + \$50 lab supply & copy fee Cherie Roberts wowsci1317@gmail.com	The chemistry course will cover fundamental topics and concepts such as the classification of matter, atomic structure, spectroscopy, chemical bonding, molecular geometry, physical change, chemical change, stoichiometry, solutions, acid/base chemistry, reduction/oxidation reactions, thermochemistry, thermodynamics, kinetics, and chemical equilibrium. With only two hours of class time each week, students should be prepared to do 60% of the course work at home (approximately 8 hours of home-based coursework each week). Our weekly class time will generally be divided, with one class period being devoted to lab activities, and the other hour to concept review. An Internet-based system is used for tests and some assignments, thus by registering for this course you are agreeing to utilize this system for all designated assignments and understand that <u>exceptions and alternatives will not be made available.</u> Prerequisites: Algebra 1 (required, min. of B avg.)	Text: Discovering Design With Chemistry, Wile. ISBN: 978-0-9962784-6-1 Supplies and Equipment: Notebook or binder with note paper Pocket folder Scientific calculator or app Graph paper Ruler Blue or black ink pens Pencils with erasers Lab goggles and aprons are provided, however, students that prefer to do so are welcomed to bring their own.

	Note: Students lacking strong math skills and/or students who are not strong independent learners, are discouraged from taking this class due to the significance and intensity of the at-home portion of the workload.	
Physics (10th-12th) \$350 + \$40 lab fee Christina Rafter chrstnrfrtr@gmail.com	This is a college-prep physics course designed for the student who has completed Algebra 2 and Geometry and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis. Prerequisites: Alg. 2 and Geometry, or a consultation with the tutor.	Text: Exploring Creation with Physics 2nd edition Exploring Creation with Physics Tests and Solutions 2nd edition (optional) Supplies and Equipment: Scientific Calculator, binder with lined paper.
Marine Biology (9th-12th) \$350 + \$40 lab fee Christina Rafter chrstnrfrtr@gmail.com	This course concentrates on marine wildlife and marine habitats. It provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean--and on land--possible, including details about their interesting habits and life cycles. This course can be taken before or after biology.	Text: Exploring Creation with Marine Biology (either edition) Exploring Creation with Marine Biology Tests and Solutions (optional) Supplies and Equipment: Binder with lined paper, color pens or pencils.
Forensic Science (10th-12th) \$350 + \$50 lab supply & copy fee Cherie Roberts wowsci1317@gmail.com	High School Forensic Science is an advanced-level science course for students in grades 10 – 12. This course is truly a “capstone” science class, in that it combines knowledge and skills in biology, physical science, chemistry, earth science, and even biblical apologetics, as we learn about and practice real life skills of forensic investigation. In today’s popular television programs about criminal justice and crime scene investigation, students often have a passion for exploring forensic science. This course offers a truly	Text: <i>Forensic Science: Fundamentals and Investigations, 2nd ed, Bertino & Bertino, ISBN-13: 978-1305077119</i> (textbook or ebook is fine) <i>Cold Case Christianity: A Homicide Detective Investigates the Claims of the Gospels</i> , J. Warner Wallace,

	<p>experiential approach that engages them in active learning and emphasizes the application of integrated science. The class balances extensive scientific concepts with hands-on classroom and lab activities, readings, video documentaries, and intriguing case studies. Alongside the text and lab activities, students will be reading two books written by J. Warner Wallace, a former atheist, LA police officer, and detective. His unique apologetic books speak to readers' intense interest in detective stories, and inspire readers to have confidence in Christ as it prepares them to articulate the case for Christianity.</p> <p>An Internet-based system is used for tests and some assignments, thus by registering for this course you are agreeing to utilize this system for all designated assignments and understand that <u>exceptions and alternatives will not be made available.</u></p> <p>Prerequisites: Biology (required, min. B avg.) Algebra 1 (required, min. B avg.) Physical Science or Physics (highly recommended) Chemistry (highly recommended)</p> <p>NOTE: This is an UPPER level science class involving a lot of reading, writing, and analysis. Students lacking strong reading and writing skills are discouraged from taking this class.</p>	<p>ISBN-13: 9781434704696 (book or electronic format are acceptable)</p> <p>Cold Case Christianity Participant's Guide: https://www.christianbook.com/cold-case-christianity-participants-guide/j-wallace/9781434711441/pd/711447?item_code=WW&event=CART</p> <p><i>God's Crime Scene: A Cold-Case Detective Examines the Evidence for a Divinely Created Universe, J.</i> Warner Wallace. ISBN-13: 9781434707840 (book or electronic format are acceptable)</p> <p><i>God's Crime Scene Participant's Guide:</i> https://www.christianbook.com/gods-crime-scene-participants-guide/j-wallace/9780830776603/pd/776606?item_code=WW&event=CART</p> <p>Supplies and Equipment: Notebook, pocket folder, pens, pencils, ruler, protractor, calculator, graph paper</p>
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ELECTIVES

Course Information	Course Description	Materials
<p>High School Public Speaking (9th-12th) \$350 + \$30 copy fee</p>	<p>This course will cover the fundamentals of researching, writing, and delivering prepared speeches, as well as speaking with very little preparation. As the year</p>	<p>Text: NCFCA Curriculum Competitor's Handbook</p>

<p>Ginger Schollenberger vschollenberger@comcast.net</p>	<p>progresses, we will also cover analyzing and using rhetorical devices, analyzing and critiquing speeches delivered by others, polishing delivery skills, and (optionally) preparing for competitive public speaking.</p>	<p>Supplies and Equipment: Three ring binder Loose leaf paper Colored pencils or pens Ability to submit Word documents via email Ability to open PDF documents</p>
<p>Middle School Public Speaking (6th-8th) \$350 + \$30 copy fee Ginger Schollenberger vschollenberger@comcast.net</p>	<p>This course will cover the fundamentals of researching, writing, and delivering prepared speeches, as well as speaking with very little preparation. As the year progresses, we will also cover analyzing and using rhetorical devices, analyzing and critiquing speeches delivered by others, polishing delivery skills, and (optionally) preparing for competitive public speaking.</p>	<p>Text: NCFCA Curriculum Competitor's Handbook</p> <p>Supplies and Equipment: Three ring binder Loose leaf paper Colored pencils or pens Ability to submit Word documents via email Ability to open PDF documents</p>